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FORM**

(to be used for all correspondence after initial filing)

Application Number	10/775,484
Filing Date	February 10, 2004
First Named Inventor	John Santhoff
Art Unit	2611
Examiner Name	Don Nguyen Vo
Attorney Docket Number	00119

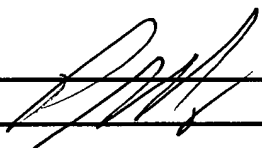
Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Peter R. Martinez
Signature	
Date	August 29, 2006

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Peter R. Martinez	Signature		Date	August 29, 2006
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit:	2611
)		
John SANTHOFF et al.)	Examiner:	Don Nguyen Vo
)		
Serial No.: 10/775,484)	Confirmation No.:	1051
)		
Filed: February 10, 2004)		
)		
For: ULTRA-WIDEBAND)		
COMMUNICATION)		
THROUGH A POWER)		
GRID)		
)		

Carlsbad, California
August 29, 2006

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed May 30, 2006, a response to which is due August 30, 2006, the following amendments and remarks are submitted for the Examiner's consideration.